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ANNUAL REPORT

JULY 1, 1970 - JUNE 30, 1971

DIVISION OF ANIMAL HEALTH

EDWARD M. DWYER

DIRECTOR

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MASSACHUSETTS DEPARTMENT OF AGRICULTURE

NATHAN CHANDLER

COMMISSIONER

REPORT OF THE DIVISION OF ANIMAL HEALTH

July 1, 1970 - June 30, 1971

To the Commissioner of Agriculture:

In accordance with Section 38, Section 129, General Laws, Acts of 1932, I herewith submit the report of the Division of Animal Health for the fiscal year, July 1, 1970 to June 30, 1971, inclusive.

During fiscal 1971 we completed our experimental project implementing the program of T. B. testing cattle once in three years with the exception of dealer and problem herds being tested annually or more frequently if necessary.

The Brucellosis testing program to maintain a Certified-Free Brucellosis status for Massachusetts is being administered according to Federal Regulations.

During fiscal 1971 we had four cases of Hog Cholera involving indemnity payments to owners of $14,369.50 as compared with thirty-two cases in fiscal 1970 with indemnity payments totaling $137,683.17. We are in hopes of eliminating Hog Cholera in Massachusetts thus attaining the goal set in 1962 by the United States Department of Agriculture of eradicating Hog Cholera in the United States by 1972.

We had 53 cases of Encephalomyelitis in horses and ponies; 2 flocks of pheasants and 1 human fatality reported in 1971.

During the fiscal year the usual number of miscellaneous diseases were reported.

The Division, as for many years, is still receiving the excellent cooperation of the Animal Health Division, United States Department of Agriculture, for which we are most appreciative.

Following is information and statistics in detail covering the various activities of the Division:

Respectfully submitted,

Edward M. Dwyer

Edward M. Dwyer
Director

BOVINE TUBERCULOSIS

There were one thousand two hundred and five (1,205) tuberculin herd tests, forty-two thousand three hundred and twenty (42,320) animal tests applied to which thirty-two (32) head of cattle were declared reactors, as compared with two thousand one hundred and twenty-one (2,121) tuberculin herd tests and seventy five thousand five hundred and forty (75,540) animal tests applied the previous fiscal year to which one hundred and eighty seven (187) head of cattle reacted.

Twenty-seven (27) of the thirty-two head declared to be reactors were reported as having "no gross lesions" of tuberculosis at time of slaughter.

Two hundred and thirty-two (232) herds containing three thousand three hundred and twenty-five (3,325) head of cattle, included in the census report of June 30, 1970, were disposed of by the owners prior to the census period ending June 30, 1971.

Seventy-seven (77) herds containing eight hundred and ninety nine (899) head of cattle to which testing has not previously been conducted are included in the census report of the period ending June 30, 1971.

Tuberculin tests are conducted by State and Federal accredited veterinarians under a State and Federal Cooperative Plan for the establishment of tuberculosis-free herds and the eradication of bovine tuberculosis.

Following is a summary of the tuberculin tests as made by veterinarians for the twelve-month period of this report:

	HERDS	HEAD	REACTORS
Veterinarians paid by the State on a salary basis	831	28,938	30
Veterinarians paid by the State as Program Agents	369	12,821	2
Veterinarians paid by the owner	4	511	
Veterinarians paid by the Federal Government on a salary basis	1	50	
	1,205	42,320	32

During the fiscal year owners were reimbursed for two (2) purebred cows to the amount of $123.75 and one hundred and eighty six (186) grade cows amounting to $10,058.75 or a total of $10,182.50.

COUNTY CENSUS

AS OF

JUNE 30, 1971

COUNTY	HERDS	HEAD	100 or More Head HERDS	100 or More Head HEAD
Barnstable	4	124		
Berkshire	367	12,929	30	4,059
Bristol	328	11,115	18	3,261
Dukes	17	128		
Essex	148	4,885	11	1,876
Franklin	437	13,999	23	3,240
Hampden	246	5,682	1	102
Hampshire	369	11,521	19	2,769
Middlesex	210	6,204	12	1,838
Nantucket	1	36		
Norfolk	103	2,505	4	586
Plymouth	191	6,638	13	3,263
Worcester	732	23,603	44	5,874
TOTALS	3,153	99,369	175	26,868

BRUCELLOSIS

The Brucellosis program has been carried on in accordance with Chapter 129, General Laws as amended by Chapter 527, Acts of 1956.

During the fiscal year 1971 there were nine (9) cattle reactors; any reimbursement to owners is still pending.

Following is a tabulation of the results of laboratory examination of the blood samples from cattle under this program; also from goats and swine:

BRUCELLOSIS

7/1/70 - 6/30/71

	NEGATIVE	REACTORS	SUSPICIOUS	OTHERS*	TOTAL
Cattle	6,771	9	57	100	6,937
Goats	237	0	1	0	238
Swine	677	14	0	3	694
TOTALS	7,685	23	58	103	7,869

* Containers broken, insufficient amount of serum, hemolyzed.

Certified Herds: Cattle	
Certified Brucellosis-Free Herds	28
Cattle in Certified Brucellosis-Free Herds	1,500
Certified Herds: Goats	
Certified Brucellosis-Free Herds	17
Goats in Certified Brucellosis-Free Herds	142
Validated Herds: Swine	
Validated Brucellosis-Free Herds	12
Swine in Validated Brucellosis-Free Herds	532

MILK RING TESTS

Negative	Suspicious	Unsatisfactory	Total
5,885	2	56	5,943

GOATS

7/1/70 -- 6/30/71

This Division arranges for the tuberculin testing and blood testing of goats provided the owner signs an agreement to the effect that any goats declared as reactors to either test would be immediately disposed of for slaughter with no compensation allowed by the Commonwealth.

Under this agreement four hundred and twenty four (424) goats were tuberculin tested and two hundred and twenty five (225) blood tested. One (1) goat showed a suspicious reaction but was negative on retest.

CATTLE IMPORTS

7/1/70 - 6/30/71

Alabama	2	Nevada	1
Canada	2090	New Hampshire	632
Connecticut	1351	New Jersey	17
Delaware	109	New York	3714
Illinois	3	North Dakota	1
Indiana	7	Ohio	160
Iowa	1	Pennsylvania	73
Kentucky	3	Rhode Island	377
Maine	2061	Vermont	1155
Maryland	150	Virginia	1
Missouri	20	Wisconsin	109

TOTAL - 12,060

One thousand one hundred and three (1,103) permits were issued covering twelve thousand and sixty (12,060) head of cattle.

EXPORTS --- JULY 1, 1970 THRU JUNE 30, 1971

Interstate certificates of health were issued on three thousand three hundred forty-nine (3,349) head of cattle; eighty-nine (89) goats; one hundred (100) rabbits; thirty-nine (39) sheep; and one hundred twenty-three (123) swine, exported to other states and countries, as follows:

CATTLE

DESTINATION	HEAD	DESTINATION	HEAD
Alabama	2	Missouri	32
California	3	Montana	2
Canada	13	Nebraska	20
Colorado	3	Nevada	2
Columbia	3	New Hampshire	122
Connecticut	460	New Jersey	7
Dominican Republic	25	New York	721
Florida	131	Ohio	11
Honduras	22	Pennsylvania	21
Illinois	3	Rhode Island	753
Indiana	5	South Dakota	2
India	13	Spain	10
Iowa	22	Tennessee	9
Italy	2	Texas	8
Kansas	24	Vermont	629
Kentucky	19	Virginia	111
Liberia	6	West Virginia	1
Maine	114	Wisconsin	1
Maryland	1	Yugoslavia	3
Mississippi	13		
		Total	3,349

GOATS

Colorado	4
Costa Rica	17
Guatemala	6
Liberia	5
Venezuela	39
West Indies	18
Total	89

SWINE

Connecticut	27
Florida	4
Maine	15
New Hampshire	63
New York	12
Rhode Island	2
Total	123

RABBITS

Greece	100

SHEEP

Colorado	3
New York	21
Pennsylvania	15
Total	39

QUARANTINE STATION AT LITTLETON

Total number of livestock received at the Farmers Live Animal Market Exchange in Littleton from July 1, 1970 to June 30, 1971 was as follows:

Cattle	18,421
Calves	20,404
Swine	21,224
Sheep	1,093
TOTAL	61,142

The following Massachusetts animals went through the chute:

Brucellosis Reactors	4
Tuberculosis Reactors	9
Brucellosis Suspects	1
Tuberculosis Suspects	10

In addition to FLAME in Littleton, the following animals were received and sold at the Livestock Auction in Easton and the Northampton Cooperative Auction Association, Inc. in Whately, Massachusetts:

EASTON

Cattle	6,917
Calves	5,882
Sheep and Goats	190
TOTAL	12,989

WHATELY

Cattle	4,402
Calves	10,740
Sheep and Goats	1,005
Swine	1,222
TOTAL	17,369

LICENSED DEALERS IN BOVINE ANIMALS

During the fiscal year 1971, there were one hundred and three (103) licenses issued to dealers in dairy and beef cattle, and one hundred and forty-three (143) plates were sent out for use on the trucks operated by these dealers.

A total of seven thousand, one hundred and seven (7,107) dairy cattle and five hundred and eighty (580) beef cattle were reported by licensed dealers as purchased and sold.

PERMITS TO FEED GARBAGE TO SWINE

VESICULAR EXANTHEMA PROGRAM
CHAPTER 655 - ACTS OF 1953

Fiscal Year 1971

July 1, 1970 - June 30, 1971

		Permits Issued
July	1970	0
August	"	0
September	"	0
October	"	0
November	"	1
December	"	0
January	1971	169
February	"	10
March	"	6
April	"	4
May	"	0
June	"	2
	Total	192

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HOG CHOLERA

Fiscal Year 1971

Number of cases	4
Number of swine	1,004
Total Indemnity paid by The Commonwealth of Massachusetts	$14,369.50

RABIES

Under the Massachusetts Department of Public Health regulations Chapter 111, General Laws as amended by Chapter 265, Acts of 1938, Sections 6 and 7 "Dog Bite" is declared a disease dangerous to public health.

Chapter 129, Section 21 of the General Laws, was amended under Chapter 29, Acts of 1963 to read: "All dogs known to have bitten persons shall be quarantined for a period of ten (10) days for observation, at the end of which period, if no symptoms of rabies have developed, said animals may be released from quarantine on order of the Director."

Investigation of reported injuries inflicted to persons by biting dogs and the quarantining of such dogs is one of the duties of the Inspector of Animals.

One thousand one hundred and one persons (1101) were bitten by stray animals. The brains of six hundred and ninety-one (691) animals were sent to Wassermann Laboratory for examination. Of that number five hundred and fifty (550) were reported to have bitten five hundred and eighty-three (583) persons.

The following tabulation is a record of bites inflicted by dogs and other animals.

RABIES

Bite Cases

	Released Quarantined Animals	Destroyed No Examination	Heads to Laboratory NEGATIVE	Heads to Laboratory POSITIVE	Heads to Laboratory UNSATISFACTORY
1970					
July	1,742	3	56		12
August	1,589	2	62	2	16
September	1,332	2	65	1	7
October	1,048		55		8
November	781		28		1
December	792	1	29		
1971					
January	628	1	41		1
February	624	1	34		2
March	1,015	5	41		8
April	1,301	4	58		3
May	1,442	4	63		5
June	1,970	4	78		13
TOTALS	14,164	27	610	3	78

RABIES

Bite Cases --- Fiscal Year 1971

	Released Quarantined Animals	Destroyed No Examination	Heads to Laboratory NEGATIVE	Heads to Laboratory POSITIVE	Heads to Laboratory UNSATISFACTORY
Dogs	13,521	24	145		4
Alligators	1				
Baby Rabbits			1		1
Baby Skunks			1		
Bats			57	3	14
Calves			1		
Cats	345	3	93		6
Chipmunks	2		41		6
Donkeys	1		1		
Foxes			9		1
Gelding Horses			1		
Gerbils	80		32		3
Grisson (Weasel)			1		
Ground Hogs	1		1		
Guinea Pigs	5		11		2
Hamsters	57	1	32		1
Honey Bears	1				
Horses	8		3		
Kinkajou	1		1		
Mares	2		1		
Mice	17		15		8
Moles			3		3
Monkeys	29		11		
Muskrats	1		3		
Ocelots	1		1		
Opossums	1		1		
Ostriches	1				
Pet Hamsters			2		2
Pet Mice					
Pet Skunks					
Pigs	2				
Ponies	1				
Rabbits	45		16		3
Racoons	13		15		
Rats	6		12		9
Red Foxes					1
Red Squirrels					
Shrews					
Skunks	5		17		
Snakes	1				
Squirrels	8		55		1
Squirrel Monkeys	1				
Turtles	1				
Voles			19		7
White Mice			2		1
White Rabbits	1		1		
White Rats	2		2		4
Wild Porcupines	1		1		
Woodchucks			2		1
TOTALS	14,164	28	610	3	78

EQUINE CERTIFICATIONS

During the fiscal year 1971, we issued two hundred and seventy seven (277) Certifications of Equine Examination for four hundred and thirty three (433) horses leaving the State of Massachusetts for Shows, Fairs and Races.

We received three hundred and thirty five (335) Certifications of Equine Examination for one thousand and seventy two (1,072) horses that came into the State for Exhibition, Racing and Breeding. These horses came from thirty five (35) States and Canada and New Zealand.

EQUINE INFECTIOUS ANEMIA

There were seven (7) cases of Equine Infectious Anemia (Swamp Fever) that proved positive to the Coggins Test. All but one was destroyed.

EQUINE ENCEPHALOMYELITIES

We received reports of fifty five (55) cases of Equine Encephalomyelities in fifty three (53) horses and two (2) pheasants. These were destroyed or died either through clinical symptoms or laboratory diagnosis.

MISCELLANEOUS DISEASES

PULLORUM	3 flocks of birds were quarantined and later released.
LARYNGOTRACHEITIS	25 chicks were quarantined and released.
FOWL POX	Flock of 2100 birds were quarantined and later released.
PINK EYE	150 sheep were quarantined and released.
ERYSIPELAS	16 hogs were quarantined and released.

ANNUAL INSPECTION OF NEAT CATTLE, HORSES, SWINE, SHEEP AND GOATS

FISCAL YEAR 1971

In accordance with Section 10, Chapter 129 of the General Laws the annual inspection of neat cattle, horses, swine, sheep and goats and of the premises where kept was completed.

Reports received from the cities and towns showed that inspection indicated the following information:

COUNTY	HERDS	NEAT CATTLE	PONIES HORSES	SWINE HERDS	SWINE HEAD	SHEEP	GOATS
Barnstable	11	161	781	0	0	82	59
Berkshire	431	14,009	1,549	61	684	605	70
Bristol	346	13,034	2,258	75	9,236	696	229
Dukes	16	137	140	3	27	764	4
Essex	187	5,488	2,291	36	4,958	535	96
Franklin	504	15,320	1,494	76	1,097	424	67
Hampden	309	6,427	1,196	22	1,219	676	85
Hampshire	402	11,869	1,297	42	2,555	1,269	47
Middlesex	272	6,672	3,886	67	12,181	698	209
Nantucket	2	63	63	0	0	26	3
Norfolk	121	2,595	1,926	31	2,004	741	74
Plymouth	244	7,052	2,340	64	4,953	612	127
Suffolk	1	4	123	0	0	29	36
Worcester	959	26,112	3,622	120	13,471	1,588	233
Totals	3,805	108,943	22,966	597	52,385	8,745	1,339

Of the total number of cattle inspected, fifty-four thousand six hundred ninety-three (54,693) were grade dairy cows, ten thousand fifty-nine (10,059) were purebred dairy cows. There were also three hundred twenty-eight (328) purebred bulls listed.

Also there were ninety-seven (97) donkeys, seventeen (17) burros, eight (8) mules, thirty (30) oxen, seven (7) asses, nine (9) bison, two (2) elk, sixteen (16) deer, three (3) buffaloes, one (1) llama, four (4) steer, and one (1) ram inspected this year.

Regional meetings of Inspectors of Animals were held by the Director in the month of October in Northampton, Worcester, and in our Boston Office.

ACME
BOOKBINDING CO., INC.
JUL 5 1990
100 CAMBRIDGE STREET
CHARLESTOWN, MASS.